

ANNEX V

ENERGY RESOURCES

A. PURPOSE

1. To establish policies and procedures to be used by the state responding to and recovering from fuel shortages, power outages and capacity shortages which impact or threaten to impact significant numbers of citizens.
2. To coordinate provision of emergency supply and transportation of fuel.
3. To coordinate provision of emergency power to support immediate response and recovery operations as well as restoring the normal supply of electric power.

B. SITUATION

1. Fuel shortages may be caused by disruption of normal supply distribution during severe weather conditions.
2. Power outages and capacity shortages may be caused by unusually hot or cold weather, transmission limitations, distribution disruptions, severe weather conditions, and/or power plant outages.
3. Energy shortage conditions could jeopardize customers during periods when generating units breakdown and/or undergo scheduled maintenance.
4. Other energy shortages, such as interruption in supply of natural gas or petroleum fuels for automotive transportation and other industrial uses, may result from extreme weather conditions, strikes or international embargoes.
5. There may be widespread and prolonged electrical power failure degrading communications, disrupting traffic signals causing traffic gridlock and impacting public health and safety services.
6. There may be hoarding of fuel and rapid price escalation.
7. Tension in international relations and/or terrorism may also have an effect in supplying of natural gas or petroleum fuels.

C. ASSUMPTIONS

1. During periods of abnormal weather or multiple generating unit outages, generator capacity may be limited or may fall below customer demand.
2. Many local resources may be unavailable due to damage, inaccessibility and/or insufficient supply.
3. Water systems may be low affecting public health and safety. Firefighting capabilities may be severely curtailed or reduced and sewer systems may be completely destroyed and inoperative.
4. Coordination and direction of local efforts including volunteers may be required.
5. Access to damaged areas may be restricted to air.

D. CONCEPT OF OPERATIONS

1. General
 - a. The West Virginia Office of Emergency Services (WVOES) will request that representative staff be available. The WVOES will identify which support agencies are needed and activate those agencies, as needed. .
 - b. The assets available will assist county emergency services and others with their emergency efforts to provide fuel and power and other necessary resources. Priorities for allocation of these assets will be to provide sufficient fuel supplies to state agencies, emergency response organizations, and areas along evacuation routes.
 - c. The WVOES will communicate with utility representatives to determine the emergency response and recovery needs.
 - d. In the event of a shortage of automotive transportation fuels or fuels needed for other industrial purposes, the WVOES will be responsible for coordinating with the appropriate industry trade groups, associations and the Energy Efficiency Program (EEP) of the West Virginia Development Office to obtain and essential fuel supplies.

2. Organization

- a. The Public Service Commission (PSC) will be the primary agency to respond to non-petroleum energy emergencies.
- b. The PSC will be responsible for assuring that electric and natural gas concerns are addressed.
- c. The PSC will maintain communications with electric and natural gas utilities and support agencies responding to and recovering from energy emergencies in the State of West Virginia.

3. Response Actions

- a. The American Red Cross and local emergency services offices will coordinate with the WVOES to identify specific emergency shelter power generation needs. The WVOES will coordinate with all supporting agencies to locate necessary local resources for emergency shelter power generation and backup.
- b. The WVOES will coordinate closely with local, other state agencies and federal agencies. Coordination is to include:
 - (1) Assessing energy system damage, supply, demand, and requirements to restore each system. The EEP maintains monthly supply volumes from prime suppliers and will supply fuel volume and supplier contact information to the EOC.
 - (2) Assist local and state agencies in obtaining fuel for transportation and energy operations. Fuel-saving actions are to be implemented by responding local and state agencies. The EEP will assist by working with neighboring states on coordinating regional responses to shortfall situations.
 - (3) Administer, or coordinate with the PSC, statutory authorities for energy priorities and allocations.
 - (4) Coordinate with support agencies for assistance in helping energy suppliers obtain information, escort, equipment, specialized labor, fuel, and transportation to repair or restore energy systems.

- (5) Disseminate, with assistance of the EEP, emergency energy information, education, and conservation guidance to public, private and governmental organizations and offices. All energy press releases are to be coordinated through the WVOES Public Information Officer (PIO).
- (6) Establish with local, state and federal officials and local energy suppliers, the priorities to restore damaged energy systems and availability of energy supply resource assistance.
- (7) Coordinate with the PSC to process all fuel and power assistance requests received from local jurisdictions.

E. ASSIGNMENTS OF RESPONSIBILITIES

1. State

a. The State Public Service Commission (PSC) will:

- (1) Prioritize needs for electric and natural gas utility restoration. Coordinate and direct the flow of resources with local support agencies.
- (2) Maintain contact with electric, gas, telephone and water utility companies serving emergency area(s) to obtain information about damage and assistance needed in their area(s).
- (3) Coordinate and communicate electrical and fuel needs to the WVOES regarding:
 - (a) generating capacity
 - (b) expected electric peak load
 - (c) geographic areas and number of customers that are expected to be most severely impacted, if available
 - (d) status of major generating unit outages
 - (e) expected duration of downtime (event)

- (4) Coordinate resource support to repair damaged energy systems.
- (5) Coordinate through the WVOES PIO, appropriate news releases to keep local news organizations, state agencies and the public informed of current status of electric generating capabilities and shortfalls.
- (6) Monitor repair procedures followed by individual utilities during energy generating capacity shortages to ensure that a coordinated statewide power action plan is established.
- (7) Determine West Virginia's generating capacity; expected peak loads; expected duration of emergency event; explanation of utilities' actions; and recommendations of state and local agency actions in support of the utilities.
- (8) Inform appropriate state and local news organizations about generating capacity shortfalls after coordination with WVOES PIO. Continue to provide updates to the WVOES and news agencies with accurate assessments of supply, demand, and requirements to repair or restore systems. Process press releases through WVOES PIO as established in Annex M, Public Information.
- (9) Receive and assess requests for aid from federal, state and local agencies, energy offices, energy suppliers, and distributors.
- (10) Keep accurate logs and other records of all emergency responses. Accomplish after-action reports and other reports as appropriate.
- (11) Review short-term recovery actions and develop long-term strategies for meeting State and local energy needs.

b. Department of Transportation will:

- (1) Coordinate transportation requests relating to energy requirements.
- (2) If resources allow, assist utility companies, which are hauling supplies to affected areas.

- c. West Virginia Office of Emergency Services (WVOES) will:
 - (1) Activate the EOC if conditions and requirements exceed local resources and state resources are needed.
 - (2) Assign state and local emergency response/damage assessment teams to the disaster area(s) to determine the extent of damage, industries involved, and the resources needed for energy restoration.
 - (3) Coordinate press releases concerning energy related issues using procedures outlined in Annex M, Public Information.
 - (4) Coordinate and communicate specific energy needs and requirements with county emergency service offices.
 - (5) Will have primary responsibility for the annual update of this annex.
- d. West Virginia Adjutant General's Office will:
 - (1) Perform as primary agency for military support.
 - (2) Provide bulk fuel dispensing, as resources allow.
 - (3) Provide emergency generator support, as resources allow.
- e. West Virginia Development Office EEP will:
 - Serve as state liaison with the U.S. Department of Energy.

2. Federal

The U.S. Department of Energy will implement, as required, emergency related functions under the Federal Response Plan.

F. ADMINISTRATION AND LOGISTICS

- 1. The State PSC will provide sufficient staffing to the State EOC, as needed.
- 2. The West Virginia Development Office EEP will provide sufficient staffing to the State EOC, as needed.

G. AUTHORITIES AND REFERENCES

1. West Virginia Code, Chapter 5A, Article 6, as amended
2. West Virginia Code, Chapter 5B, Article 2, as amended
3. West Virginia Code, Chapter 15, Article 5, as amended
4. West Virginia Code, Chapter 24, Article 2, as amended
5. Commonwealth of Virginia Emergency Operations Plan, as amended
6. State of Delaware Emergency Operations Plan, as amended
7. State of West Virginia Petroleum Emergency Contingency Plan, as amended